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Summary of Motor Vehicle Accidents in the Petroleum Industry for 1986

OCTOBER 1987

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

Summary of Motor Vehicle Accidents in the Petroleum Industry for 1986

Safety and Fire Protection Department

OCTOBER 1987

American
Petroleum
Institute

SUMMARY

MOTOR VEHICLE ACCIDENTS IN THE PETROLEUM INDUSTRY IN 1986

The American Petroleum Institute's fifty fourth survey of motor vehicle accidents in the petroleum industry represents the collective experience of 48 companies. Although this number does not reflect the counting of subsidiaries individually, since they were not reported separately, the reported data does include the experience of subsidiaries in most cases.

Table I shows that 47 companies operated 31,114 vehicles which traveled 699,956,000 miles and were involved in 2,308 accidents, indicating an average of 303,274 miles per vehicle accident in 1986. Comparable figures for 1985 were: 52,565 vehicles, 1,055,542,000 miles traveled, 4,341 vehicle accidents, and an average of one accident per 243,156 miles. Thus, in 1986 there was a frequency rate of 3.30 accidents per one million vehicle miles compared with 4.11 in 1985, a decrease of 19.7 per cent.

Table II shows that 48 companies had a frequency rate of 7.4 accidents per 100 vehicles in 1986, a decrease of 12 per cent from the 8.4 rate in 1985.

NOTE:

Total figures for "All Departments" are greater than the sum of the corresponding figures for the individual departments because some reports did not provide figures for each department. Similarly, the totals for cars, service vehicles and trucks are greater than the sum of corresponding figures for these three classes of vehicles because some company reports did not provide separate figures for each class.

Additional copies of this survey may be obtained upon request by writing to:

American Petroleum Institute
Publication & Distribution Section
1220 L Street, N.W.
Washington, D.C. 20005

TABLE I - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 1,000,000 MILES

THE NUMBER OF VEHICLE MILES TRAVELED BY DEPARTMENT FOR 1986

	PASSENGER CARS REPORTED SEPARATELY					SERVICE VEHICLES REPORTED SEPARATELY				TRUCKS REPORTED SEPARATELY				COMBINATION OF ALL VEHICLES REPORTED		
Year	No. of Cos.	No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles
ALL DEPARTMENTS																	
1986	47	21,145	356,833	1,251	3.51	7,551	121,353	480	3.96	3,049	161,367	624	3.87	31,114	699,956	2,308	3.30
1985	74	18,979	335,736	1,317	3.92	7,193	117,562	505	4.30	9,341	255,892	1,244	4.86	52,565	1,055,542	4,341	4.11
1984	80	16,979	414,188	1,351	3.26	7,252	129,778	407	3.14	7,778	355,852	1,207	3.39	53,262	1,451,457	5,355	3.69
EXPLORATION																	
1986	10	668	12,374	38	3.07	30	412	0	0.00	117	2,613	8	3.06	815	15,399	46	2.99
1985	9	604	9,952	42	4.22	145	980	5	5.10	57	851	4	4.70	1,171	18,299	58	3.17
1984	14	702	10,941	56	5.12	137	2,611	8	3.06	212	4,751	9	1.89	3,040	69,077	249	3.60
PRODUCTION																	
1986	12	8,081	126,582	414	3.27	1,541	29,020	67	2.31	9	159	3	18.85	8,935	155,762	484	3.11
1985	16	5,750	105,598	301	2.85	2,688	39,398	157	3.98	931	29,515	96	3.25	13,094	250,230	759	3.03
1984	17	4,004	83,452	211	2.53	2,918	52,976	112	2.11	547	7,904	40	5.06	11,575	249,762	731	2.93
EXPLORATION & PRODUCTION - NOT SEPARATED[1]																	
1986	5	13	289	1	3.47	0	0	0	N/A	0	0	0	N/A	13	289	1	3.47
1985	9	4,797	86,742	336	3.87	341	8,444	34	4.03	722	11,691	47	4.02	9,582	168,864	565	3.35
1984	8	2,588	74,682	299	4.00	0	0	0	N/A	214	3,360	14	4.17	3,774	95,972	393	4.09
GAS PROCESSING																	
1986	12	835	15,482	38	2.45	182	2,455	6	2.44	0	0	0	N/A	1,017	17,937	44	2.45
1985	13	141	2,516	11	4.37	66	1,469	7	4.77	23	183	2	10.91	734	14,356	41	2.86
1984	19	136	8,448	31	3.67	13	158	1	6.33	.575	11,960	59	4.93	1,239	32,087	118	3.68
DRILLING																	
1986	4	52	983	1	1.02	190	3,101	12	3.87	0	0	0	N/A	242	4,084	13	3.18
1985	2	65	1,144	3	2.62	11	265	3	11.34	0	0	0	N/A	76	1,379	6	4.35
1984	7	159	2,913	6	2.06	0	0	0	N/A	13	224	3	13.42	221	3,453	12	3.48
PETROCHEMICALS																	
1986	2	80	148	0	0.00	0	0	0	N/A	0	0	0	N/A	80	148	0	0.00
1985	2	86	745	4	5.37	0	0	0	N/A	1	4	0	0.00	87	749	4	5.34
1984	5	100	1,280	12	9.37	19	207	0	0.00	16	63	2	31.59	495	10,370	44	4.24
REFINING																	
1986	10	2,250	19,864	127	6.39	181	595	2	3.36	120	760	10	13.16	2,551	21,219	139	6.55
1985	12	789	8,428	28	3.32	12	47	1	21.42	389	1,691	10	5.91	1,582	12,666	46	3.63
1984	16	411	13,209	39	2.95	14	45	2	44.35	223	1,435	5	3.48	1,634	25,608	152	5.94
MARKETING - WHOLESALE																	
1986	7	3,052	65,331	229	3.51	122	2,147	15	6.99	1,424	117,720	495	4.20	4,599	185,197	729	3.94
1985	14	2,778	67,065	266	3.97	189	1,803	15	8.32	1,565	95,674	614	6.42	7,448	264,332	1,345	5.09
1984	15	3,021	84,730	263	3.10	170	1,799	12	6.67	1,814	133,663	667	4.99	8,930	399,196	1,734	4.34

N/A - Not Applicable

TABLE I - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 1,000,000 MILES

THE NUMBER OF VEHICLE MILES TRAVELED BY DEPARTMENT FOR 1986

	PASSENGER CARS REPORTED SEPARATELY					SERVICE VEHICLES REPORTED SEPARATELY				TRUCKS REPORTED SEPARATELY				COMBINATION OF ALL VEHICLES REPORTED			
Year	No. of Cos.	No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles
MARKETING - RETAIL																	
1986	6	388	8,786	28	3.19	151	1,080	9	8.33	37	2,173	10	4.60	576	12,039	47	3.90
1985	10	181	5,140	22	4.28	698	9,262	73	7.88	647	9,583	76	7.93	3,052	45,015	381	8.46
1984	11	273	6,766	34	5.02	821	9,013	71	7.88	770	19,678	133	6.76	3,130	57,155	471	8.24
MARKETING - NOT SEPARATED[2]																	
1986	5	211	3,623	17	4.69	8	48	0	0.00	0	0	0	N/A	12	111	0	0.00
1985	2	929	22,406	70	3.12	0	0	0	N/A	408	18,865	104	5.51	1,337	41,271	174	4.22
1984	1	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	53	609	9	14.78
PIPELINE - LIQUID																	
1986	15	1,138	34,821	92	2.64	1,300	27,371	88	3.22	382	21,777	41	1.88	2,820	83,968	221	2.63
1985	21	1,518	31,186	87	2.79	991	21,397	51	2.38	1,087	33,117	121	3.65	4,410	103,153	323	3.13
1984	25	1,372	26,960	88	3.26	1,634	34,393	66	1.92	951	29,997	90	3.00	5,422	125,704	355	2.82
PIPELINE - GAS																	
1986	14	1,962	32,839	110	3.35	3,683	52,986	268	5.06	895	15,277	55	3.60	6,540	101,102	433	4.28
1985	18	1,996	30,680	146	4.76	1,390	21,116	95	4.50	3,894	66,042	267	4.04	9,480	159,467	630	3.95
1984	16	1,563	56,979	90	1.58	1,212	20,607	81	3.93	2,098	133,099	144	1.08	7,718	267,822	501	1.87
PIPELINE - NOT SEPARATED[3]																	
1986	7	667	14,974	33	2.20	3	37	0	0.00	0	0	0	N/A	1,258	27,823	83	2.98
1985	3	4	69	0	0.00	21	365	1	2.74	52	922	1	1.08	115	7,665	12	1.57
1984	4	4	4,425	7	1.58	0	0	0	N/A	46	1,036	2	1.93	88	15,521	26	1.68
MARINE TANKER																	
1986	1	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
1985	1	5	74	1	13.51	1	11	0	0.00	0	0	0	N/A	6	85	1	11.76
1984	1	4	63	0	0.00	1	15	0	0.00	0	0	0	N/A	5	78	0	0.00
MARINE INLAND																	
1986	2	36	1,043	2	1.92	0	0	0	N/A	8	139	1	7.21	44	1,181	3	2.54
1985	2	45	709	3	4.23	5	63	0	0.00	8	41	1	24.24	58	813	4	4.92
1984	5	27	551	3	5.44	5	93	0	0.00	1	49	0	0.00	45	1,196	7	5.85
MARINE - NOT SEPARATED[4]																	
1986	4	47	1,414	3	2.12	0	0	0	N/A	8	139	1	7.21	55	1,552	4	2.58
1985	1	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	13	339	0	0.00
1984	1	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	10	310	2	6.45
RESEARCH AND DEVELOPMENT																	
1986	5	182	1,809	4	2.21	20	138	0	0.00	1	6	0	0.00	203	1,953	4	2.05
1985	7	112	6,327	8	1.26	15	93	0	0.00	1	6	0	0.00	227	6,838	18	2.63
1984	10	161	1,671	15	8.98	20	71	0	0.00	8	29	0	0.00	393	3,914	34	8.69
GENERAL SERVICES																	
1986	6	64	824	1	1.21	113	1,948	12	6.16	36	535	1	1.87	213	3,742	14	3.74
1985	11	544	6,227	39	6.26	426	9,036	54	5.98	294	8,536	42	4.92	1,322	23,799	135	5.67
1984	11	129	1,542	11	7.13	257	7,411	54	7.29	158	4,071	28	6.88	723	21,497	138	6.42

N/A - Not Applicable

TABLE I - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 1,000,000 MILES

THE NUMBER OF VEHICLE MILES TRAVELED BY DEPARTMENT FOR 1986

			PASSENGER CARS REPORTED SEPARATELY			SERVICE VEHICLES REPORTED SEPARATELY			TRUCKS REPORTED SEPARATELY				COMBINATION OF ALL VEHICLES REPORTED		
Year	No. of Cos.	No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles
							ADMINISTRATION, ENGINEERING & OTHER										
1986	17	1,035	12,899	84	6.51	35	423	1	2.37	20	210	0	0.00	1,090	13,532	85	6.28
1985	27	2,809	36,616	184	5.03	194	2,380	9	3.78	52	3,445	1	0.29	3,773	52,790	251	4.75
1984	32	2,325	35,575	186	5.23	31	380	0	0.00	132	4,533	11	2.43	4,767	72,125	379	5.25

N/A - Not Applicable

[1]E&P data unable to be separated into Exploration or Production functions.
[2]Marketing data unable to be separated into Wholesale or Retail functions.
[3]Pipeline data unable to be separated into Liquid or Gas functions.
[4]Marine data unable to be separated into Tanker or Inland functions.

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Co. No.	PASSENGER CARS REPORTED SEPARATELY				SERVICE VEHICLES REPORTED SEPARATELY				TRUCKS REPORTED SEPARATELY				COMBINATION OF ALL VEHICLES REPORTED			
	No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles
ALL DEPARTMENTS																
Total:	21,145	356,833	1,251	3.51	7,551	121,353	480	3.96	3,049	161,367	624	3.87	31,114	699,956	2,308	3.30
00010	12	267	0	0.00	9	185	0	0.00	0	0	0	N/A	21	452	0	0.00
00013	1,450	43,832	99	2.26	0	0	0	N/A	720	31,673	103	3.25	2,170	75,505	202	2.68
00020	0	0	0	N/A	0	0	0	N/A	4	114	0	0.00	4	114	0	0.00
00021	22	468	1	2.14	0	0	0	N/A	0	0	0	N/A	22	468	1	2.14
00022	0	0	0	N/A	23	263	2	7.60	0	0	0	N/A	23	263	2	7.60
00024	6,261	85,577	415	4.85	0	0	0	N/A	328	23,430	110	4.69	6,589	109,007	525	4.82
00026	4	105	0	0.00	3	20	2	100.00	0	0	0	N/A	7	125	0	0.00
00028	12	275	0	0.00	0	0	0	N/A	1	0	0	N/A	13	275	0	0.00
00030	113	1,348	7	5.19	452	8,394	23	2.74	0	0	0	N/A	565	9,742	30	3.08
00031	472	9,853	20	2.03	1,135	18,159	82	4.52	0	0	0	N/A	1,607	28,372	102	3.60
00032	1,887	34,528	72	2.09	0	0	0	N/A	372	39,307	63	1.60	2,259	73,835	135	1.83
00033	1	6	0	0.00	9	34	0	0.00	0	0	0	N/A	10	40	0	0.00
00034	3	45	0	0.00	11	172	0	0.00	6	2,160	0	0.00	20	2,377	0	0.00
00035	151	3,112	15	4.82	0	0	0	N/A	84	2,208	8	3.62	235	5,320	23	4.32
00036	4	26	0	0.00	0	0	0	N/A	0	0	0	N/A	4	26	0	0.00
00038	6	81	1	12.29	57	994	10	10.06	0	0	0	N/A	63	1,075	11	10.23
00041	1,887	32,978	110	3.34	1,415	29,600	70	2.36	226	27,840	156	5.60	3,528	90,418	336	3.72
00043	0	0	0	N/A	4	30	0	0.00	0	0	0	N/A	4	30	0	0.00
00048	8	164	1	6.10	4	79	1	12.66	0	0	0	N/A	12	243	2	8.23
00054	187	2,238	15	6.70	798	9,541	65	6.81	0	0	0	N/A	985	11,779	80	6.79
00056	273	3,784	13	3.44	832	8,190	66	8.06	0	0	0	N/A	1,105	11,974	79	6.60
00058	3	42	0	0.00	1	2	0	0.00	0	0	0	N/A	4	44	0	0.00
00059	15	296	0	0.00	8	60	0	0.00	0	0	0	N/A	23	356	0	0.00
00060	32	542	3	5.54	114	1,836	10	5.45	0	0	0	N/A	146	2,378	13	5.47
00074	29	356	0	0.00	175	3,289	15	4.56	22	390	0	0.00	226	4,035	15	3.72
00077	4	66	0	0.00	3	17	0	0.00	0	0	0	N/A	7	83	0	0.00
00082	38	376	1	2.66	0	0	0	N/A	410	6,363	27	4.24	448	74,137	28	0.38
00083	8	176	2	11.36	36	627	1	1.59	39	1,934	7	3.62	83	2,737	10	3.65
00089	3	46	0	0.00	15	101	1	9.90	0	0	0	N/A	17	147	1	6.80
00091	120	953	3	3.15	86	1,035	4	3.87	0	0	0	N/A	206	1,988	7	3.52
00092	3	59	0	0.00	23	529	3	5.67	0	0	0	N/A	26	588	3	5.11
00093	5	70	0	0.00	14	163	1	6.13	0	0	0	N/A	19	233	1	4.29
00094	2	51	0	0.00	8	127	0	0.00	0	0	0	N/A	10	178	0	0.00
00104	215	3,380	5	1.48	323	5,070	22	4.34	0	0	0	N/A	538	8,451	27	3.19
00109	5,358	86,422	284	3.29	755	6,557	29	4.42	279	15,702	108	6.88	6,392	108,681	421	3.87
00120	159	2,350	7	2.98	0	0	0	N/A	499	9,127	31	3.40	658	11,477	38	3.31
00123	598	14,176	37	2.61	0	0	0	N/A	0	0	0	N/A	598	14,176	37	2.61
00125	3	53	0	0.00	82	1,445	5	3.46	0	0	0	N/A	85	1,498	8	5.34

N/A - Not Applicable

TABLE I - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 1,000,000 MILES

THE NUMBER OF VEHICLE MILES TRAVELED BY DEPARTMENT FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY				SERVICE VEHICLES REPORTED SEPARATELY				TRUCKS REPORTED SEPARATELY				COMBINATION OF ALL VEHICLES REPORTED			
	No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Accidents	No. of Accidents Per One Million Vehicle Miles	No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Accidents	No. of Accidents Per One Million Vehicle Miles	No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Accidents	No. of Accidents Per One Million Vehicle Miles	No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Accidents	No. of Accidents Per One Million Vehicle Miles
ALL DEPARTMENTS (continued)																
00144	236	3,509	1	0.28	505	11,695	21	1.80	0	0	0	N/A	741	15,204	22	1.45
00145	38	356	3	8.44	13	106	0	0.00	0	0	0	N/A	51	462	3	6.50
00148	2	17	0	0.00	0	0	0	N/A	45	220	9	40.95	47	237	9	38.04
00150	14	245	1	4.09	0	0	0	N/A	0	0	0	N/A	14	245	1	4.09
00162	508	9,115	41	4.50	0	0	0	N/A	0	0	0	N/A	508	9,115	41	4.50
00191	238	5,801	34	5.86	0	0	0	N/A	0	0	0	N/A	238	5,801	34	5.86
00194	0	0	0	N/A	180	2,555	9	3.52	0	0	0	N/A	180	2,555	9	3.52
00196	0	0	0	N/A	0	0	0	N/A	15	900	2	2.22	15	900	2	2.22
00197	130	2,334	12	5.14	458	10,478	38	3.63	0	0	0	N/A	588	12,812	50	3.90
EXPLORATION																
Total:	668	12,374	38	3.07	30	412	0	0.00	117	2,613	8	3.06	815	15,399	46	2.99
00013	132	3,795	2	0.53	0	0	0	N/A	33	405	0	0.00	165	4,200	2	0.48
00022	0	0	0	N/A	1	34	0	0.00	0	0	0	N/A	1	34	0	0.00
00024	40	487	3	6.16	0	0	0	N/A	0	0	0	N/A	40	487	3	6.16
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00032	112	1,601	1	0.62	0	0	0	N/A	0	0	0	N/A	112	1,601	1	0.62
00035	151	3,112	15	4.82	0	0	0	N/A	84	2,208	8	3.62	235	5,320	23	4.32
00041	107	1,337	6	4.49	7	192	0	0.00	0	0	0	N/A	114	1,529	6	3.92
00059	3	86	0	0.00	0	0	0	N/A	0	0	0	N/A	3	86	0	0.00
00109	110	1,786	4	2.24	22	186	0	0.00	0	0	0	N/A	132	1,972	4	2.03
00191	13	170	7	41.20	0	0	0	N/A	0	0	0	N/A	13	170	7	41.20
PRODUCTION																
Total:	8,081	126,582	414	3.27	1,541	29,020	67	2.31	9	159	3	18.85	8,935	155,762	484	3.11
00021	22	468	1	2.14	0	0	0	N/A	0	0	0	N/A	22	468	1	2.14
00024	3,430	43,448	167	3.84	0	0	0	N/A	0	0	0	N/A	3,430	43,448	167	3.84
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00032	703	14,932	25	1.67	0	0	0	N/A	0	0	0	N/A	7	14,932	25	1.67
00041	910	12,909	37	2.87	924	22,309	34	1.52	0	0	0	N/A	1,834	35,218	71	2.02
00048	6	123	1	8.13	4	79	1	12.66	0	0	0	N/A	10	202	2	9.90
00059	5	105	0	0.00	8	60	0	0.00	0	0	0	N/A	13	165	0	0.00
00074	1	21	0	0.00	5	103	1	9.68	0	0	0	N/A	6	124	1	8.06
00082	3	15	0	0.00	0	0	0	N/A	9	159	3	18.85	12	174	3	17.22
00109	2,825	49,753	161	3.24	533	5,299	28	5.28	0	0	0	N/A	3,358	55,052	189	3.43
00125	0	0	0	N/A	67	1,170	3	2.56	0	0	0	N/A	67	1,170	3	2.56
00191	176	4,808	22	4.58	0	0	0	N/A	0	0	0	N/A	176	4,808	22	4.58
EXPLORATION & PRODUCTION - NOT SEPARATED[1]																
Total:	13	289	1	3.47	0	0	0	N/A	0	0	0	N/A	13	289	1	3.47

N/A - Not Applicable

TABLE I - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 1,000,000 MILES

THE NUMBER OF VEHICLE MILES TRAVELED BY DEPARTMENT FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY				SERVICE VEHICLES REPORTED SEPARATELY				TRUCKS REPORTED SEPARATELY				COMBINATION OF ALL VEHICLES REPORTED			
	No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles
EXPLORATION & PRODUCTION - NOT SEPARATED[1] (continued)																
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00035	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00048	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00077	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00123	13	289	1	3.47	0	0	0	N/A	0	0	0	N/A	13	289	1	3.47
GAS PROCESSING																
Total:	835	15,482	38	2.45	182	2,455	6	2.44	0	0	0	N/A	1,017	17,937	44	2.45
00024	418	8,168	15	1.84	0	0	0	N/A	0	0	0	N/A	418	8,168	15	1.84
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00032	160	3,775	7	1.85	0	0	0	N/A	0	0	0	N/A	160	3,775	7	1.85
00041	61	648	1	1.54	141	2,038	4	1.96	0	0	0	N/A	202	2,686	5	1.86
00043	0	0	0	N/A	4	30	0	0.00	0	0	0	N/A	4	30	0	0.00
00048	2	41	0	0.00	0	0	0	N/A	0	0	0	N/A	2	41	0	0.00
00077	1	10	0	0.00	3	17	0	0.00	0	0	0	N/A	4	27	0	0.00
00089	1	12	0	0.00	5	31	0	0.00	0	0	0	N/A	6	43	0	0.00
00109	129	1,536	11	7.16	14	64	0	0.00	0	0	0	N/A	143	1,600	11	6.88
00123	52	1,168	4	3.42	0	0	0	N/A	0	0	0	N/A	52	1,168	4	3.42
00125	0	0	0	N/A	15	275	2	7.28	0	0	0	N/A	15	275	2	7.28
00191	11	124	0	0.00	0	0	0	N/A	0	0	0	N/A	11	124	0	0.00
DRILLING																
Total:	52	983	1	1.02	190	3,101	12	3.87	0	0	0	N/A	242	4,084	13	3.18
00022	0	0	0	N/A	4	89	2	22.59	0	0	0	N/A	4	89	2	22.59
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00109	52	983	1	1.02	6	457	1	2.19	0	0	0	N/A	58	1,440	2	1.39
00194	0	0	0	N/A	180	2,555	9	3.52	0	0	0	N/A	180	2,555	9	3.52
PETROCHEMICALS																
Total:	80	148	0	0.00	0	0	0	N/A	0	0	0	N/A	80	148	0	0.00
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00109	80	148	0	0.00	0	0	0	N/A	0	0	0	N/A	80	148	0	0.00
REFINING																
Total:	2,250	19,864	127	6.39	181	595	2	3.36	120	760	10	13.16	2,551	21,219	139	6.55

N/A - Not Applicable

TABLE I - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 1,000,000 MILES

THE NUMBER OF VEHICLE MILES TRAVELED BY DEPARTMENT FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY				SERVICE VEHICLES REPORTED SEPARATELY				TRUCKS REPORTED SEPARATELY				COMBINATION OF ALL VEHICLES REPORTED			
	No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles
ALL DEPARTMENTS (continued)																
00144	236	3,509	1	0.28	505	11,695	21	1.80	0	0	0	N/A	741	15,204	22	1.45
00145	38	356	3	8.44	13	106	0	0.00	0	0	0	N/A	51	462	3	6.50
00148	2	17	0	0.00	0	0	0	N/A	45	220	9	40.95	47	237	9	38.04
00150	14	245	1	4.09	0	0	0	N/A	0	0	0	N/A	14	245	1	4.09
00162	508	9,115	41	4.50	0	0	0	N/A	0	0	0	N/A	508	9,115	41	4.50
00191	238	5,801	34	5.86	0	0	0	N/A	0	0	0	N/A	238	5,801	34	5.86
00194	0	0	0	N/A	180	2,555	9	3.52	0	0	0	N/A	180	2,555	9	3.52
00196	0	0	0	N/A	0	0	0	N/A	15	900	2	2.22	15	900	2	2.22
00197	130	2,334	12	5.14	458	10,478	38	3.63	0	0	0	N/A	588	12,812	50	3.90
EXPLORATION																
Total:	668	12,374	38	3.07	30	412	0	0.00	117	2,613	8	3.06	815	15,399	46	2.99
00013	132	3,795	2	0.53	0	0	0	N/A	33	405	0	0.00	165	4,200	2	0.48
00022	0	0	0	N/A	1	34	0	0.00	0	0	0	N/A	1	34	0	0.00
00024	40	487	3	6.16	0	0	0	N/A	0	0	0	N/A	40	487	3	6.16
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00032	112	1,601	1	0.62	0	0	0	N/A	0	0	0	N/A	112	1,601	1	0.62
00035	151	3,112	15	4.82	0	0	0	N/A	84	2,208	8	3.62	235	5,320	23	4.32
00041	107	1,337	6	4.49	7	192	0	0.00	0	0	0	N/A	114	1,529	6	3.92
00059	3	86	0	0.00	0	0	0	N/A	0	0	0	N/A	3	86	0	0.00
00109	110	1,786	4	2.24	22	186	0	0.00	0	0	0	N/A	132	1,972	4	2.03
00191	13	170	7	41.20	0	0	0	N/A	0	0	0	N/A	13	170	7	41.20
PRODUCTION																
Total:	8,081	126,582	414	3.27	1,541	29,020	67	2.31	9	159	3	18.85	8,935	155,762	484	3.11
00021	22	468	1	2.14	0	0	0	N/A	0	0	0	N/A	22	468	1	2.14
00024	3,430	43,448	167	3.84	0	0	0	N/A	0	0	0	N/A	3,430	43,448	167	3.84
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00032	703	14,932	25	1.67	0	0	0	N/A	0	0	0	N/A	7	14,932	25	1.67
00041	910	12,909	37	2.87	924	22,309	34	1.52	0	0	0	N/A	1,834	35,218	71	2.02
00048	6	123	1	8.13	4	79	1	12.66	0	0	0	N/A	10	202	2	9.90
00059	5	105	0	0.00	8	60	0	0.00	0	0	0	N/A	13	165	0	0.00
00074	1	21	0	0.00	5	103	1	9.68	0	0	0	N/A	6	124	1	8.06
00082	3	15	0	0.00	0	0	0	N/A	9	159	3	18.85	12	174	3	17.22
00109	2,825	49,753	161	3.24	533	5,299	28	5.28	0	0	0	N/A	3,358	55,052	189	3.43
00125	0	0	0	N/A	67	1,170	3	2.56	0	0	0	N/A	67	1,170	3	2.56
00191	176	4,808	22	4.58	0	0	0	N/A	0	0	0	N/A	176	4,808	22	4.58
EXPLORATION & PRODUCTION - NOT SEPARATED[1]																
Total:	13	289	1	3.47	0	0	0	N/A	0	0	0	N/A	13	289	1	3.47

N/A - Not Applicable

TABLE I - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 1,000,000 MILES

THE NUMBER OF VEHICLE MILES TRAVELED BY DEPARTMENT FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY				SERVICE VEHICLES REPORTED SEPARATELY				TRUCKS REPORTED SEPARATELY				COMBINATION OF ALL VEHICLES REPORTED			
	No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles
REFINING (continued)																
00013	209	6,038	4	0.66	0	0	0	N/A	71	426	1	2.35	280	6,464	5	0.77
00020	0	0	0	N/A	0	0	0	N/A	4	114	0	0.00	4	114	0	0.00
00024	1,326	9,174	108	11.77	0	0	0	N/A	0	0	0	N/A	1,326	9,174	108	11.77
00026	1	15	0	0.00	3	20	2	100.00	0	0	0	N/A	4	35	2	57.14
00032	213	1,020	0	0.00	0	0	0	N/A	0	0	0	N/A	213	1,020	0	0.00
00034	2	21	0	0.00	7	91	0	0.00	0	0	0	N/A	9	112	0	0.00
00058	3	42	0	0.00	1	2	0	0.00	0	0	0	N/A	4	44	0	0.00
00109	439	2,808	13	4.63	170	482	0	0.00	0	0	0	N/A	609	3,290	13	3.95
00123	55	730	2	2.74	0	0	0	N/A	0	0	0	N/A	55	730	2	2.74
00148	2	17	0	0.00	0	0	0	N/A	45	220	9	40.95	47	237	9	38.04
MARKETING - WHOLESALE																
Total:	3,052	65,331	229	3.51	122	2,147	15	6.99	1,424	117,720	495	4.20	4,599	185,197	729	3.94
00013	343	11,383	36	3.16	0	0	0	N/A	219	11,441	58	5.07	562	22,823	84	3.68
00024	680	14,238	74	5.20	0	0	0	N/A	328	23,430	110	4.69	1,008	37,668	184	4.88
00026	3	90	0	0.00	0	0	0	N/A	0	0	0	N/A	3	90	0	0.00
00028	12	275	0	0.00	0	0	0	N/A	1	0	0	N/A	13	275	0	0.00
00032	246	2,873	10	3.48	0	0	0	N/A	372	39,307	63	1.60	618	42,180	73	1.73
00041	677	16,177	58	3.59	122	2,147	15	6.99	226	27,840	156	5.60	1,025	46,164	229	4.96
00109	1,091	20,295	51	2.51	0	0	0	N/A	279	15,702	108	6.88	1,370	35,997	159	4.42
MARKETING - RETAIL																
Total:	388	8,786	28	3.19	151	1,080	9	8.33	37	2,173	10	4.60	576	12,039	47	3.90
00013	158	4,770	11	2.31	0	0	0	N/A	22	1,273	8	6.29	180	6,043	19	3.14
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00032	130	2,354	6	2.55	0	0	0	N/A	0	0	0	N/A	130	2,354	6	2.55
00041	0	0	0	N/A	151	1,080	9	8.33	0	0	0	N/A	151	1,080	9	8.33
00123	100	1,662	11	6.62	0	0	0	N/A	0	0	0	N/A	100	1,662	11	6.62
00196	0	0	0	N/A	0	0	0	N/A	15	900	2	2.22	15	900	2	2.22
MARKETING - NOT SEPARATED[2]																
Total:	211	3,623	17	4.69	8	48	0	0.00	0	0	0	N/A	12	111	0	0.00
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00048	2	41	0	0.00	0	0	0	N/A	0	0	0	N/A	2	41	0	0.00

N/A - Not Applicable

TABLE I - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 1,000,000 MILES

THE NUMBER OF VEHICLE MILES TRAVELED BY DEPARTMENT FOR 1986

	PASSENGER CARS REPORTED SEPARATELY				SERVICE VEHICLES REPORTED SEPARATELY				TRUCKS REPORTED SEPARATELY				COMBINATION OF ALL VEHICLES REPORTED			
Co. No.	No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles
MARKETING - NOT SEPARATED[2] (continued)																
00077	1	10	0	0.00	3	17	0	0.00	0	0	0	N/A	4	27	0	0.00
00089	1	12	0	0.00	5	31	0	0.00	0	0	0	N/A	6	43	0	0.00
00123	207	3,560	17	4.78	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
PIPELINE - LIQUID																
Total:	1,138	34,821	92	2.64	1,300	27,371	88	3.22	382	21,777	41	1.88	2,820	83,968	221	2.63
00013	404	11,797	23	1.95	0	0	0	N/A	337	17,683	34	1.92	741	29,480	57	1.93
00024	144	8,599	33	3.84	0	0	0	N/A	0	0	0	N/A	144	8,599	33	3.84
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00032	35	6,441	13	2.02	0	0	0	N/A	0	0	0	N/A	35	6,441	13	2.02
00033	1	6	0	0.00	9	34	0	0.00	0	0	0	N/A	10	40	0	0.00
00034	1	24	0	0.00	4	81	0	0.00	6	2,160	0	0.00	11	2,265	0	0.00
00038	6	81	1	12.29	57	994	10	10.06	0	0	0	N/A	63	1,075	11	10.23
00060	32	542	3	5.54	114	1,836	10	5.45	0	0	0	N/A	146	2,378	13	5.47
00083	7	160	2	12.50	30	527	1	1.90	39	1,934	7	3.62	76	2,621	10	3.82
00091	120	953	3	3.15	86	1,035	4	3.87	0	0	0	N/A	206	1,988	7	3.52
00092	3	59	0	0.00	23	529	3	5.67	0	0	0	N/A	26	588	3	5.11
00093	5	70	0	0.00	14	163	1	6.13	0	0	0	N/A	19	233	1	4.29
00144	236	3,509	1	0.28	505	11,695	21	1.80	0	0	0	N/A	741	15,204	22	1.45
00150	14	245	1	4.09	0	0	0	N/A	0	0	0	N/A	14	245	1	4.09
00197	130	2,334	12	5.14	458	10,478	38	3.63	0	0	0	N/A	588	12,812	50	3.90
PIPELINE - GAS																
Total:	1,962	32,839	110	3.35	3,683	52,986	268	5.06	895	15,277	55	3.60	6,540	101,102	433	4.28
00010	12	267	0	0.00	9	185	0	0.00	0	0	0	N/A	21	452	0	0.00
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00030	113	1,348	7	5.19	452	8,394	23	2.74	0	0	0	N/A	565	9,742	30	3.08
00031	472	9,853	20	2.03	1,135	18,519	82	4.43	0	0	0	N/A	1,607	28,372	102	3.60
00041	7	175	1	5.71	60	1,725	5	2.90	0	0	0	N/A	67	1,900	6	3.16
00054	187	2,238	15	6.70	798	9,541	65	6.81	0	0	0	N/A	985	11,779	80	6.79
00056	273	3,784	13	3.44	832	8,190	66	8.06	0	0	0	N/A	1,105	11,974	79	6.60
00074	0	0	0	N/A	58	1,192	4	3.36	0	0	0	N/A	58	1,192	4	3.36
00082	14	300	1	3.33	0	0	0	N/A	396	6,150	24	3.90	410	6,450	25	3.88
00083	1	16	0	0.00	6	100	0	0.00	0	0	0	N/A	7	116	0	0.00
00089	1	12	0	0.00	10	70	1	14.29	0	0	0	N/A	11	82	1	12.20
00104	215	3,380	5	1.48	323	5,070	22	4.34	0	0	0	N/A	538	8,451	27	3.19
00120	159	2,350	7	2.98	0	0	0	N/A	499	9,127	31	3.40	658	11,477	38	3.31

N/A - Not Applicable

TABLE I - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 1,000,000 MILES

THE NUMBER OF VEHICLE MILES TRAVELED BY DEPARTMENT FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY				SERVICE VEHICLES REPORTED SEPARATELY				TRUCKS REPORTED SEPARATELY				COMBINATION OF ALL VEHICLES REPORTED			
	No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles	No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Acci-dents	No. of Accidents Per One Million Vehicle Miles
PIPELINE - GAS (continued)																
00162	508	9,115	41	4.50	0	0	0	N/A	0	0	0	N/A	508	9,115	41	4.50
PIPELINE - NOT SEPARATED[3]																
Total:	667	14,974	33	2.20	3	37	0	0.00	0	0	0	N/A	1,258	27,823	83	2.98
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00033	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00038	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00077	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00109	324	5,419	15	2.77	3	37	0	0.00	0	0	0	N/A	327	5,456	15	2.75
00123	343	9,555	18	1.88	0	0	0	N/A	0	0	0	N/A	343	9,555	18	1.88
00197	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	588	12,812	50	3.90
MARINE TANKER																
Total:	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
MARINE INLAND																
Total:	36	1,043	2	1.92	0	0	0	N/A	8	139	1	7.21	44	1,181	3	2.54
00013	36	1,043	2	1.92	0	0	0	N/A	8	139	1	7.21	44	1,181	3	2.54
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
MARINE - NOT SEPARATED[4]																
Total:	47	1,414	3	2.12	0	0	0	N/A	8	139	1	7.21	55	1,552	4	2.58
00013	36	1,043	2	1.92	0	0	0	N/A	8	139	1	7.21	44	1,181	3	2.54
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00032	11	371	1	2.70	0	0	0	N/A	0	0	0	N/A	11	371	1	2.70
00077	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
RESEARCH AND DEVELOPMENT																
Total:	182	1,809	4	2.21	20	138	0	0.00	1	6	0	0.00	203	1,953	4	2.05

N/A - Not Applicable

TABLE I - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 1,000,000 MILES

THE NUMBER OF VEHICLE MILES TRAVELED BY DEPARTMENT FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY: No. of Cars	No. of Vehicle Miles Traveled (Thous)	No. of Accidents	No. of Accidents Per One Million Vehicle Miles	SERVICE VEHICLES REPORTED SEPARATELY: No. of Serv. Veh.	No. of Vehicle Miles Traveled (Thous)	No. of Accidents	No. of Accidents Per One Million Vehicle Miles	TRUCKS REPORTED SEPARATELY: No. of Trucks	No. of Vehicle Miles Traveled (Thous)	No. of Accidents	No. of Accidents Per One Million Vehicle Miles	COMBINATION OF ALL VEHICLES REPORTED: No. of All	No. of Vehicle Miles Traveled (Thous)	No. of Accidents	No. of Accidents Per One Million Vehicle Miles
RESEARCH AND DEVELOPMENT (continued)																
00013	22	645	1	1.55	0	0	0	N/A	1	6	0	0.00	23	651	1	1.54
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00032	73	440	0	0.00	0	0	0	N/A	0	0	0	N/A	73	440	0	0.00
00109	49	368	0	0.00	7	32	0	0.00	0	0	0	N/A	56	400	0	0.00
00145	38	356	3	8.44	13	106	0	0.00	0	0	0	N/A	51	462	3	6.50
GENERAL SERVICES																
Total:	64	824	1	1.21	113	1,948	12	6.16	36	535	1	1.87	213	3,742	14	3.74
00013	22	608	1	1.65	0	0	0	N/A	9	91	1	10.95	31	699	2	2.86
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00041	3	38	0	0.00	10	109	3	27.52	0	0	0	N/A	13	147	3	20.41
00059	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00074	18	118	0	0.00	103	1,839	9	4.89	22	390	0	0.00	143	2,406	9	3.74
00082	21	61	0	0.00	0	0	0	N/A	5	54	0	0.00	26	490	0	0.00
ADMINISTRATION, ENGINEERING & OTHER																
Total:	1,035	12,899	84	6.51	35	423	1	2.37	20	210	0	0.00	1,090	13,532	85	6.28
00013	124	3,755	19	5.06	0	0	0	N/A	20	210	0	0.00	144	3,965	19	4.79
00022	0	0	0	N/A	18	140	0	0.00	0	0	0	N/A	18	140	0	0.00
00024	223	1,463	15	10.25	0	0	0	N/A	0	0	0	N/A	223	1,463	15	10.25
00026	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00032	204	721	9	12.48	0	0	0	N/A	0	0	0	N/A	204	721	9	12.48
00036	4	26	0	0.00	0	0	0	N/A	0	0	0	N/A	4	26	0	0.00
00041	122	1,694	7	4.13	0	0	0	N/A	0	0	0	N/A	122	1,694	7	4.13
00059	7	105	0	0.00	0	0	0	N/A	0	0	0	N/A	7	105	0	0.00
00074	10	158	0	0.00	9	155	1	6.46	0	0	0	N/A	19	313	1	3.20
00077	3	56	0	0.00	0	0	0	N/A	0	0	0	N/A	3	56	0	0.00
00082	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A	0	0	0	N/A
00089	1	22	0	0.00	0	0	0	N/A	0	0	0	N/A	1	22	0	0.00
00094	2	51	0	0.00	8	127	0	0.00	0	0	0	N/A	10	178	0	0.00
00109	259	3,326	28	8.42	0	0	0	N/A	0	0	0	N/A	259	3,326	28	8.42
00123	35	772	1	1.30	0	0	0	N/A	0	0	0	N/A	35	772	1	1.30
00125	3	53	0	0.00	0	0	0	N/A	0	0	0	N/A	3	53	0	0.00
00191	38	698	5	7.17	0	0	0	N/A	0	0	0	N/A	38	698	5	7.17

N/A - Not Applicable

[1]E&P data unable to be separated into Exploration or Production functions.
[2]Marketing data unable to be separated into Wholesale or Retail functions.
[3]Pipeline data unable to be separated into Liquid or Gas functions.
[4]Marine data unable to be separated into Tanker or Inland functions.

TABLE II - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 100 VEHICLES

BY DEPARTMENTS FOR 1986

Year	No. of Cos.	PASSENGER CARS REPORTED SEPARATELY: No. of Cars	No. of Accidents	No. of Accidents Per 100 Vehicles	SERVICE VEHICLES REPORTED SEPARATELY: No. of Service Veh.	No. of Accidents	No. of Accidents Per 100 Vehicles	TRUCKS REPORTING SEPARATELY: No. of Trucks	No. of Accidents	No. of Accidents Per 100 Vehicles	COMBINATION OF ALL VEHICLES REPORTED: No. of All	No. of Accidents	No. of Accidents Per 100 Vehicles
ALL DEPARTMENTS													
1986	48	21,145	1,251	5.9	7,551	480	6.4	3,050	624	20.5	31,114	2,308	7.4
1985	86	20,138	1,413	7.0	7,901	539	6.8	10,723	1,422	13.3	55,890	4,684	8.4
1984	91	17,910	1,465	8.2	8,270	436	5.3	9,207	1,461	15.9	56,639	5,757	10.2
EXPLORATION													
1986	10	668	38	5.7	30	0	0.0	117	8	6.8	815	46	5.6
1985	11	649	46	7.1	145	5	3.4	57	4	7.0	1,216	62	5.1
1984	15	756	59	7.8	140	8	5.7	216	9	4.2	3,101	252	8.1
PRODUCTION													
1986	12	8,081	414	5.1	1,541	67	4.3	9	3	33.3	8,935	484	5.4
1985	21	5,810	305	5.2	2,694	157	5.8	1,006	96	9.5	13,235	763	5.8
1984	19	4,015	211	5.3	2,938	112	3.8	583	42	7.2	11,642	735	6.3
EXPLORATION & PRODUCTION - NOT SEPARATED[1]													
1986	5	13	1	7.7	0	0	N/A	0	0	N/A	13	1	7.7
1985	11	4,934	349	7.1	487	37	7.6	801	61	7.6	9,944	595	6.0
1984	9	2,682	318	11.9	84	0	0.0	338	46	13.6	4,076	444	10.9
GAS PROCESSING													
1986	12	835	38	4.6	182	6	3.3	0	0	N/A	1,017	44	4.3
1985	14	216	11	5.1	232	7	3.0	98	15	15.3	1,050	54	5.1
1984	20	214	47	22.0	84	1	1.2	734	99	13.5	1,547	174	11.2
DRILLING													
1986	4	52	1	1.9	190	12	6.3	0	0	N/A	242	13	5.4
1985	3	80	6	7.5	11	3	27.3	4	1	25.0	95	10	10.5
1984	8	173	6	3.5	0	0	N/A	15	3	20.0	237	13	5.5
PETROCHEMICALS													
1986	2	80	0	0.0	0	0	N/A	0	0	N/A	80	0	0.0
1985	3	88	4	4.5	0	0	N/A	79	0	0.0	167	4	2.4
1984	6	105	12	11.4	73	0	0.0	29	2	6.9	567	44	7.8
REFINING													
1986	10	2,250	127	5.6	181	2	1.1	120	10	8.3	2,551	139	5.4
1985	19	869	28	3.2	229	2	0.9	612	41	6.7	2,102	90	4.3
1984	24	505	48	9.5	321	5	1.6	494	103	20.9	2,306	264	11.4
MARKETING - WHOLESALE													
1986	7	3,052	229	7.5	122	15	12.3	1,425	495	34.7	4,599	729	15.9
1985	21	3,027	292	9.6	196	15	7.7	1,919	678	35.3	8,057	1,435	17.8
1984	22	3,154	278	8.8	208	18	8.7	1,939	698	36.0	9,226	1,786	19.4

N/A - Not Applicable

TABLE II - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 100 VEHICLES

BY DEPARTMENTS FOR 1986

Year	No. of Cos.	PASSENGER CARS REPORTED SEPARATELY			SERVICE VEHICLES REPORTED SEPARATELY			TRUCKS REPORTING SEPARATELY			COMBINATION OF ALL VEHICLES REPORTED		
		No. of Cars	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Service Veh.	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Trucks	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of All	No. of Accidents	No. of Accidents Per 100 Vehicles
MARKETING - RETAIL													
1986	6	388	28	7.2	151	9	6.0	37	10	27.0	576	47	8.2
1985	13	333	53	15.9	729	83	11.4	943	117	12.4	3,531	463	13.1
1984	12	468	66	14.1	860	80	9.3	854	153	17.9	3,447	532	15.4
MARKETING - NOT SEPARATED[2]													
1986	5	211	17	8.1	8	0	0.0	0	0	N/A	12	0	0.0
1985	2	929	70	7.5	0	0	N/A	408	104	25.5	1,337	174	13.0
1984	2	107	0	0.0	234	0	0.0	297	0	0.0	691	9	1.3
PIPELINE - LIQUID													
1986	15	1,138	92	8.1	1,300	88	6.8	382	41	10.7	2,820	221	7.8
1985	22	1,519	87	5.7	991	51	5.1	1,105	121	11.0	4,429	323	7.3
1984	27	1,435	90	6.3	1,795	76	4.2	1,241	121	9.8	5,936	398	6.7
PIPELINE - GAS													
1986	14	1,962	110	5.6	3,683	268	7.3	895	55	6.1	6,540	433	6.6
1985	19	2,006	146	7.3	1,405	95	6.8	3,896	267	6.9	9,507	630	6.6
1984	17	1,573	90	5.7	1,215	81	6.7	2,112	144	6.8	7,745	501	6.5
PIPELINE - NOT SEPARATED[3]													
1986	7	667	33	4.9	3	0	0.0	0	0	N/A	1,258	83	6.6
1985	4	130	5	3.8	65	8	12.3	186	11	5.9	419	34	8.1
1984	4	4	7	175.0	0	0	N/A	46	2	4.3	88	26	29.5
MARINE TANKER													
1986	1	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
1985	1	5	1	20.0	1	0	0.0	0	0	N/A	6	1	16.7
1984	1	4	0	0.0	1	0	0.0	0	0	N/A	5	0	0.0
MARINE INLAND													
1986	2	36	2	5.6	0	0	N/A	8	1	12.5	44	3	6.8
1985	2	45	3	6.7	5	0	0.0	8	1	12.5	58	4	6.9
1984	5	27	3	11.1	5	0	0.0	1	0	0.0	45	7	15.6
MARINE - NOT SEPARATED[4]													
1986	4	47	3	6.4	0	0	N/A	8	1	12.5	55	4	7.3
1985	1	0	0	N/A	0	0	N/A	0	0	N/A	13	0	0.0
1984	1	0	0	N/A	0	0	N/A	0	0	N/A	10	2	20.0
RESEARCH AND DEVELOPMENT													
1986	5	182	4	2.2	20	0	0.0	1	0	0.0	203	4	2.0
1985	7	112	8	7.1	15	0	0.0	1	0	0.0	227	18	7.9
1984	10	161	15	9.3	20	0	0.0	8	0	0.0	393	34	8.7
GENERAL SERVICES													
1986	6	64	1	1.6	113	12	10.6	36	1	2.8	213	14	6.6
1985	12	544	39	7.2	464	60	12.9	294	42	14.3	1,360	141	10.4
1984	11	129	11	8.5	257	54	21.0	158	28	17.7	723	138	19.1

N/A - Not Applicable

TABLE II - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 100 VEHICLES

BY DEPARTMENTS FOR 1986

Year	No. of Cos.	PASSENGER CARS REPORTED SEPARATELY			SERVICE VEHICLES REPORTED SEPARATELY			TRUCKS REPORTING SEPARATELY			COMBINATION OF ALL VEHICLES REPORTED		
		No. of Cars	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Service Veh.	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Trucks	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of All	No. of Accidents	No. of Accidents Per 100 Vehicles
					ADMINISTRATION, ENGINEERING & OTHER								
1986	17	1,035	84	8.1	35	1	2.9	20	0	0.0	1,090	85	7.8
1985	34	3,016	194	6.4	232	16	6.9	96	5	5.2	4,062	272	6.7
1984	35	2,398	204	8.5	35	1	2.9	142	11	7.7	4,854	398	8.2

N/A - Not Applicable

[1]E&P data unable to be separated into Exploration or Production functions.
[2]Marketing data unable to be separated into Wholesale or Retail functions.
[3]Pipeline data unable to be separated into Liquid or Gas functions.
[4]Marine data unable to be separated into Tanker or Inland functions.

TABLE II - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 100 VEHICLES

BY DEPARTMENTS FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY			SERVICE VEHICLES REPORTED SEPARATELY			TRUCKS REPORTING SEPARATELY			COMBINATION OF ALL VEHICLES REPORTED		
	No. of Cars	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Service Veh.	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Trucks	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of All	No. of Accidents	No. of Accidents Per 100 Vehicles
						ALL DEPARTMENTS						
Total:	21,145	1,251	5.9	7,551	480	6.4	3,050	624	20.5	31,		
00010	12	0	0.0	9	0	0.0	0	0	N/A	21	0	0.0
00013	1,450	99	6.8	0	0	N/A	720	103	14.3	2,170	202	9.3
00020	0	0	N/A	0	0	N/A	4	0	0.0	4	0	0.0
00021	22	1	4.5	0	0	N/A	0	0	N/A	22	1	4.5
00022	0	0	N/A	23	2	8.7	0	0	N/A	23	2	8.7
00024	6,261	415	6.6	0	0	N/A	328	110	33.5	6,589	525	8.0
00026	4	0	0.0	3	2	66.7	0	0	N/A	7	0	0.0
00028	12	0	0.0	0	0	N/A	1	0	0.0	13	0	0.0
00030	113	7	6.2	452	23	5.1	0	0	N/A	565	30	5.3
00031	472	20	4.2	1,135	82	7.2	0	0	N/A	1,607	102	6.3
00032	1,887	72	3.8	0	0	N/A	372	63	16.9	2,259	135	6.0
00033	1	0	0.0	9	0	0.0	0	0	N/A	10	0	0.0
00034	3	0	0.0	11	0	0.0	6	0	0.0	20	0	0.0
00035	151	15	9.9	0	0	N/A	84	8	9.5	235	23	9.8
00036	4	0	0.0	0	0	N/A	0	0	N/A	4	0	0.0
00038	6	1	16.7	57	10	17.5	0	0	N/A	63	11	17.5
00041	1,887	110	5.8	1,415	70	4.9	226	156	69.0	3,528	336	9.5
00043	0	0	N/A	4	0	0.0	0	0	N/A	4	0	0.0
00048	8	1	12.5	4	1	25.0	0	0	N/A	12	2	16.7
00054	187	15	8.0	798	65	8.1	0	0	N/A	985	80	8.1
00056	273	13	4.8	832	66	7.9	0	0	N/A	1,105	79	7.1
00058	3	0	0.0	1	0	0.0	0	0	N/A	4	0	0.0
00059	15	0	0.0	8	0	0.0	0	0	N/A	23	0	0.0
00060	32	3	9.4	114	10	8.8	0	0	N/A	146	13	8.9
00074	29	0	0.0	175	15	8.6	22	0	0.0	226	15	6.6
00077	4	0	0.0	3	0	0.0	0	0	N/A	7	0	0.0
00082	38	1	2.6	0	0	N/A	410	27	6.6	448	28	6.3
00083	8	2	25.0	36	1	2.8	39	7	17.9	83	10	12.0
00089	3	0	0.0	15	1	6.7	0	0	N/A	17	1	5.9
00091	120	3	2.5	86	4	4.7	0	0	N/A	206	7	3.4
00092	3	0	0.0	23	3	13.0	0	0	N/A	26	3	11.5
00093	5	0	0.0	14	1	7.1	0	0	N/A	19	1	5.3
00094	2	0	0.0	8	0	0.0	0	0	N/A	10	0	0.0
00104	215	5	2.3	323	22	6.8	0	0	N/A	538	27	5.0
00109	5,358	284	5.3	755	29	3.8	279	108	38.7	6,392	421	6.6
00120	159	7	4.4	0	0	N/A	499	31	6.2	658	38	5.8
00123	598	37	6.2	0	0	N/A	0	0	N/A	598	37	6.2
00125	3	0	0.0	82	5	6.1	0	0	N/A	85	8	9.4

N/A - Not Applicable

TABLE II - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 100 VEHICLES

BY DEPARTMENTS FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY			SERVICE VEHICLES REPORTED SEPARATELY			TRUCKS REPORTING SEPARATELY			COMBINATION OF ALL VEHICLES REPORTED		
	No. of Cars	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Service Veh.	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Trucks	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of All	No. of Accidents	No. of Accidents Per 100 Vehicles
ALL DEPARTMENTS (continued)												
00144	236	1	0.4	505	21	4.2	0	0	N/A	741	22	3.0
00145	38	3	7.9	13	0	0.0	0	0	N/A	51	3	5.9
00148	2	0	0.0	0	0	N/A	45	9	20.0	47	9	19.1
00150	14	1	7.1	0	0	N/A	0	0	N/A	14	1	7.1
00151	631	48	7.6	0	0	N/A	0	0	N/A	0	0	N/A
00162	508	41	8.1	0	0	N/A	0	0	N/A	508	41	8.1
00191	238	34	14.3	0	0	N/A	0	0	N/A	238	34	14.3
00194	0	0	N/A	180	9	5.0	0	0	N/A	180	9	5.0
00196	0	0	N/A	0	0	N/A	15	2	13.3	15	2	13.3
00197	130	12	9.2	458	38	8.3	0	0	N/A	588	50	8.5
EXPLORATION												
Total:	668	38	5.7	30	0	0.0	117	8	6.8	815	46	
00013	132	2	1.5	0	0	N/A	33	0	0.0	165	2	1.2
00022	0	0	N/A	1	0	0.0	0	0	N/A	1	0	0.0
00024	40	3	7.5	0	0	N/A	0	0	N/A	40	3	7.5
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00032	112	1	0.9	0	0	N/A	0	0	N/A	112	1	0.9
00035	151	15	9.9	0	0	N/A	84	8	9.5	235	23	9.8
00041	107	6	5.6	7	0	0.0	0	0	N/A	114	6	5.3
00059	3	0	0.0	0	0	N/A	0	0	N/A	3	0	0.0
00109	110	4	3.6	22	0	0.0	0	0	N/A	132	4	3.0
00191	13	7	53.8	0	0	N/A	0	0	N/A	13	7	53.8
PRODUCTION												
Total:	8,081	414	5.1	1,541	67	4.3	9	3	33.3	8,935		
00021	22	1	4.5	0	0	N/A	0	0	N/A	22	1	4.5
00024	3,430	167	4.9	0	0	N/A	0	0	N/A	3,430	167	4.9
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00032	703	25	3.6	0	0	N/A	0	0	N/A	7	25	342.5
00041	910	37	4.1	924	34	3.7	0	0	N/A	1,834	71	3.9
00048	6	1	16.7	4	1	25.0	0	0	N/A	10	2	20.0
00059	5	0	0.0	8	0	0.0	0	0	N/A	13	0	0.0
00074	1	0	0.0	5	1	20.0	0	0	N/A	6	1	16.7
00082	3	0	0.0	0	0	N/A	9	3	33.3	12	3	25.0
00109	2,825	161	5.7	533	28	5.3	0	0	N/A	3,358	189	5.6
00125	0	0	N/A	67	3	4.5	0	0	N/A	67	3	4.5
00191	176	22	12.5	0	0	N/A	0	0	N/A	176	22	12.5
EXPLORATION & PRODUCTION - NOT SEPARATED[1]												
Total:	13	1	7.7	0	0	N/A	0	0	N/A	13	1	

N/A - Not Applicable

TABLE II - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 100 VEHICLES

BY DEPARTMENTS FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY			SERVICE VEHICLES REPORTED SEPARATELY			TRUCKS REPORTING SEPARATELY			COMBINATION OF ALL VEHICLES REPORTED		
	No. of Cars	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Service Veh.	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Trucks	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of All	No. of Accidents	No. of Accidents Per 100 Vehicles
EXPLORATION & PRODUCTION - NOT SEPARATED[1] (continued)												
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00035	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00048	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00077	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00123	13	1	7.7	0	0	N/A	0	0	N/A	13	1	7.7
GAS PROCESSING												
Total:	835	38	4.6	182	6	3.3	0	0	N/A	1,0		
00024	418	15	3.6	0	0	N/A	0	0	N/A	418	15	3.6
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00032	160	7	4.4	0	0	N/A	0	0	N/A	160	7	4.4
00041	61	1	1.6	141	4	2.8	0	0	N/A	202	5	2.5
00043	0	0	N/A	4	0	0.0	0	0	N/A	4	0	0.0
00048	2	0	0.0	0	0	N/A	0	0	N/A	2	0	0.0
00077	1	0	0.0	3	0	0.0	0	0	N/A	4	0	0.0
00089	1	0	0.0	5	0	0.0	0	0	N/A	6	0	0.0
00109	129	11	8.5	14	0	0.0	0	0	N/A	143	11	7.7
00123	52	4	7.7	0	0	N/A	0	0	N/A	52	4	7.7
00125	0	0	N/A	15	2	13.3	0	0	N/A	15	2	13.3
00191	11	0	0.0	0	0	N/A	0	0	N/A	11	0	0.0
DRILLING												
Total:	52	1	1.9	190	12	6.3	0	0	N/A	242	13	
00022	0	0	N/A	4	2	50.0	0	0	N/A	4	2	50.0
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00109	52	1	1.9	6	1	16.7	0	0	N/A	58	2	3.4
00194	0	0	N/A	180	9	5.0	0	0	N/A	180	9	5.0
PETROCHEMICALS												
Total:	80	0	0.0	0	0	N/A	0	0	N/A			
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00109	80	0	0.0	0	0	N/A	0	0	N/A	80	0	0.0
REFINING												
Total:	2,250	127	5.6	181	2	1.1	120	10	8.3	2,551		

N/A - Not Applicable

TABLE II - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 100 VEHICLES

BY DEPARTMENTS FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY			SERVICE VEHICLES REPORTED SEPARATELY			TRUCKS REPORTING SEPARATELY			COMBINATION OF ALL VEHICLES REPORTED		
	No. of Cars	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Service Veh.	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Trucks	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of All	No. of Accidents	No. of Accidents Per 100 Vehicles
						REFINING (continued)						
00013	209	4	1.9	0	0	N/A	71	1	1.4	280	5	1.8
00020	0	0	N/A	0	0	N/A	4	0	0.0	4	0	0.0
00024	1,326	108	8.1	0	0	N/A	0	0	N/A	1,326	108	8.1
00026	1	0	0.0	3	2	66.7	0	0	N/A	4	2	50.0
00032	213	0	0.0	0	0	N/A	0	0	N/A	213	0	0.0
00034	2	0	0.0	7	0	0.0	0	0	N/A	9	0	0.0
00058	3	0	0.0	1	0	0.0	0	0	N/A	4	0	0.0
00109	439	13	3.0	170	0	0.0	0	0	N/A	609	13	2.1
00123	55	2	3.6	0	0	N/A	0	0	N/A	55	2	3.6
00148	2	0	0.0	0	0	N/A	45	9	20.0	47	9	19.1
						MARKETING - WHOLESALE						
Total:	3,052	229	7.5	122	15	12.3	1,425	495	34.7	4,599	729	
00013	343	36	10.5	0	0	N/A	219	58	26.5	562	84	14.9
00024	680	74	10.9	0	0	N/A	328	110	33.5	1,008	184	18.3
00026	3	0	0.0	0	0	N/A	0	0	N/A	3	0	0.0
00028	12	0	0.0	0	0	N/A	1	0	0.0	13	0	0.0
00032	246	10	4.1	0	0	N/A	372	63	16.9	618	73	11.8
00041	677	58	8.6	122	15	12.3	226	156	69.0	1,025	229	22.3
00109	1,091	51	4.7	0	0	N/A	279	108	38.7	1,370	159	11.6
						MARKETING - RETAIL						
Total:	388	28	7.2	151	9	6.0	37	10	27.0	576	47	
00013	158	11	7.0	0	0	N/A	22	8	36.4	180	19	10.6
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00032	130	6	4.6	0	0	N/A	0	0	N/A	130	6	4.6
00041	0	0	N/A	151	9	6.0	0	0	N/A	151	9	6.0
00123	100	11	11.0	0	0	N/A	0	0	N/A	100	11	11.0
00196	0	0	N/A	0	0	N/A	15	2	13.3	15	2	13.3
						MARKETING - NOT SEPARATED[2]						
Total:	211	17	8.1	8	0	0.0	0	0	N/A	12	0	
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00048	2	0	0.0	0	0	N/A	0	0	N/A	2	0	0.0
00077	1	0	0.0	3	0	0.0	0	0	N/A	4	0	0.0
00089	1	0	0.0	5	0	0.0	0	0	N/A	6	0	0.0
00123	207	17	8.2	0	0	N/A	0	0	N/A	0	0	N/A
						PIPELINE - LIQUID						
Total:	1,138	92	8.1	1,300	88	6.8	382	41	10.7	2,820	221	

N/A - Not Applicable

TABLE II - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 100 VEHICLES

BY DEPARTMENTS FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY			SERVICE VEHICLES REPORTED SEPARATELY			TRUCKS REPORTING SEPARATELY			COMBINATION OF ALL VEHICLES REPORTED		
	No. of Cars	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Service Veh.	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Trucks	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of All	No. of Accidents	No. of Accidents Per 100 Vehicles
					PIPELINE - LIQUID (continued)							
00013	404	23	5.7	0	0	N/A	337	34	10.1	741	57	7.7
00024	144	33	22.9	0	0	N/A	0	0	N/A	144	33	22.9
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00032	35	13	37.1	0	0	N/A	0	0	N/A	35	13	37.1
00033	1	0	0.0	9	0	0.0	0	0	N/A	10	0	0.0
00034	1	0	0.0	4	0	0.0	6	0	0.0	11	0	0.0
00038	6	1	16.7	57	10	17.5	0	0	N/A	63	11	17.5
00060	32	3	9.4	114	10	8.8	0	0	N/A	146	13	8.9
00083	7	2	28.6	30	1	3.3	39	7	17.9	76	10	13.2
00091	120	3	2.5	86	4	4.7	0	0	N/A	206	7	3.4
00092	3	0	0.0	23	3	13.0	0	0	N/A	26	3	11.5
00093	5	0	0.0	14	1	7.1	0	0	N/A	19	1	5.3
00144	236	1	0.4	505	21	4.2	0	0	N/A	741	22	3.0
00150	14	1	7.1	0	0	N/A	0	0	N/A	14	1	7.1
00197	130	12	9.2	458	38	8.3	0	0	N/A	588	50	8.5
					PIPELINE - GAS							
Total:	1,962	110	5.6	3,683	268	7.3	895	55	6.1	6,54		
00010	12	0	0.0	9	0	0.0	0	0	N/A	21	0	0.0
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00030	113	7	6.2	452	23	5.1	0	0	N/A	565	30	5.3
00031	472	20	4.2	1,135	82	7.2	0	0	N/A	1,607	102	6.3
00041	7	1	14.3	60	5	8.3	0	0	N/A	67	6	9.0
00054	187	15	8.0	798	65	8.1	0	0	N/A	985	80	8.1
00056	273	13	4.8	832	66	7.9	0	0	N/A	1,105	79	7.1
00074	0	0	N/A	58	4	6.9	0	0	N/A	58	4	6.9
00082	14	1	7.1	0	0	N/A	396	24	6.1	410	25	6.1
00083	1	0	0.0	6	0	0.0	0	0	N/A	7	0	0.0
00089	1	0	0.0	10	1	10.0	0	0	N/A	11	1	9.1
00104	215	5	2.3	323	22	6.8	0	0	N/A	538	27	5.0
00120	159	7	4.4	0	0	N/A	499	31	6.2	658	38	5.8
00162	508	41	8.1	0	0	N/A	0	0	N/A	508	41	8.1
					PIPELINE - NOT SEPARATED[3]							
Total:	667	33	4.9	3	0	0.0	0	0	N/A			
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00033	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00038	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00077	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A

N/A - Not Applicable

TABLE II - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 100 VEHICLES

BY DEPARTMENTS FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY			SERVICE VEHICLES REPORTED SEPARATELY			TRUCKS REPORTING SEPARATELY			COMBINATION OF ALL VEHICLES REPORTED		
	No. of Cars	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Service Veh.	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Trucks	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of All	No. of Accidents	No. of Accidents Per 100 Vehicles
PIPELINE - NOT SEPARATED[3] (continued)												
00109	324	15	4.6	3	0	0.0	0	0	N/A	327	15	4.6
00123	343	18	5.2	0	0	N/A	0	0	N/A	343	18	5.2
00197	0	0	N/A	0	0	N/A	0	0	N/A	588	50	8.5
MARINE TANKER												
Total:	0	0	N/A	0	0	N/A	0	0	N/A			
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
MARINE INLAND												
Total:	36	2	5.6	0	0	N/A	8	1	12.5	44	3	
00013	36	2	5.6	0	0	N/A	8	1	12.5	44	3	6.8
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
MARINE - NOT SEPARATED[4]												
Total:	47	3	6.4	0	0	N/A	8	1	12.5			
00013	36	2	5.6	0	0	N/A	8	1	12.5	44	3	6.8
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00032	11	1	9.1	0	0	N/A	0	0	N/A	11	1	9.1
00077	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
RESEARCH AND DEVELOPMENT												
Total:	182	4	2.2	20	0	0.0	1	0	0.0			
00013	22	1	4.5	0	0	N/A	1	0	0.0	23	1	4.3
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00032	73	0	0.0	0	0	N/A	0	0	N/A	73	0	0.0
00109	49	0	0.0	7	0	0.0	0	0	N/A	56	0	0.0
00145	38	3	7.9	13	0	0.0	0	0	N/A	51	3	5.9
GENERAL SERVICES												
Total:	64	1	1.6	113	12	10.6	36	1	2.8	213	14	
00013	22	1	4.5	0	0	N/A	9	1	11.1	31	2	6.5
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00041	3	0	0.0	10	3	30.0	0	0	N/A	13	3	23.1

N/A - Not Applicable

TABLE II - PETROLEUM INDUSTRY - MOTOR VEHICLE ACCIDENTS PER 100 VEHICLES

BY DEPARTMENTS FOR 1986

Co. No.	PASSENGER CARS REPORTED SEPARATELY			SERVICE VEHICLES REPORTED SEPARATELY			TRUCKS REPORTING SEPARATELY			COMBINATION OF ALL VEHICLES REPORTED		
	No. of Cars	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Service Veh.	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of Trucks	No. of Accidents	No. of Accidents Per 100 Vehicles	No. of All	No. of Accidents	No. of Accidents Per 100 Vehicles
					GENERAL SERVICES (continued)							
00059	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00074	18	0	0.0	103	9	8.7	22	0	0.0	143	9	6.3
00082	21	0	0.0	0	0	N/A	5	0	0.0	26	0	0.0
					ADMINISTRATION, ENGINEERING & OTHER							
Total:	1,035	84	8.1	35	1	2.9	20	0				
00013	124	19	15.3	0	0	N/A	20	0	0.0	144	19	13.2
00022	0	0	N/A	18	0	0.0	0	0	N/A	18	0	0.0
00024	223	15	6.7	0	0	N/A	0	0	N/A	223	15	6.7
00026	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00032	204	9	4.4	0	0	N/A	0	0	N/A	204	9	4.4
00036	4	0	0.0	0	0	N/A	0	0	N/A	4	0	0.0
00041	122	7	5.7	0	0	N/A	0	0	N/A	122	7	5.7
00059	7	0	0.0	0	0	N/A	0	0	N/A	7	0	0.0
00074	10	0	0.0	9	1	11.1	0	0	N/A	19	1	5.3
00077	3	0	0.0	0	0	N/A	0	0	N/A	3	0	0.0
00082	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
00089	1	0	0.0	0	0	N/A	0	0	N/A	1	0	0.0
00094	2	0	0.0	8	0	0.0	0	0	N/A	10	0	0.0
00109	259	28	10.8	0	0	N/A	0	0	N/A	259	28	10.8
00123	35	1	2.9	0	0	N/A	0	0	N/A	35	1	2.9
00125	3	0	0.0	0	0	N/A	0	0	N/A	3	0	0.0
00191	38	5	13.2	0	0	N/A	0	0	N/A	38	5	13.2

N/A - Not Applicable

[1]E&P data unable to be separated into Exploration or Production functions.
[2]Marketing data unable to be separated into Wholesale or Retail functions.
[3]Pipeline data unable to be separated into Liquid or Gas functions.
[4]Marine data unable to be separated into Tanker or Inland functions.

LIST OF RESPONDENTS MOTOR VEHICLE ACCIDENT REPORT

1.	00010	ALABAMA-TENN. NATURAL GAS CO.
2.	00013	ASHLAND OIL INC.
3.	00191	BHP PETROLEUM (A)
4.	00020	CALCASIEU REFINING COMPANY
5.	00021	CELERON OIL & GAS COMPANY
6.	00022	CELSIUS ENERGY COMPANY
7.	00024	CHEVRON USA INC.
8.	00026	CIBRO PETROLEUM PRODUCTS, INC.
9.	00028	COASTAL OIL COMPANY
10.	00030	COLORADO INTERSTATE GAS CO.
11.	00031	COLUMBIA GAS TRANSMISSION CORP.
12.	00032	CONOCO
13.	00033	COOK INLET PIPE LINE COMPANY
14.	00034	CROSS OIL & REFINING CO. OF AR
15.	00196	D. J. WITMAN
16.	00036	E. E. FOGELSON
17.	00035	ENSERCH EXPLORATON INC.
18.	00038	EXPLORER PIPELINE COMPANY
19.	00041	EXXON COMPANY U.S.A.
20.	00043	FARMLAND AND INDUSTRIES INC.
21.	00048	HEWIT & DOUGHERTY
22.	00194	J. W. GIBSON WELL SERVICE CO.
23.	00054	K N ENERGY, INC.
24.	00056	KANSAS POWER & LIGHT CO.
25.	00058	KERR MCGEE CORP.
26.	00059	LAKE RONEL OIL COMPANY
27.	00060	LAKEHEAD PIPE LINE COMPANY, INC.
28.	00144	MOBIL PIPELINE CO.
29.	00145	MOBIL RESEARCH AND DEVELOPMENT CORP.
30.	00074	MOUNTAIN FUEL RESOURCES INC.
31.	00077	NATIONAL HELIUM CORPORATION
32.	00082	NORTHWEST PIPELINE
33.	00083	OHIO OIL GATHERING CORPORATION
34.	00089	PETROLANE LOMITA GASOLINE CO.
35.	00091	PLANTATION PIPE LINE COMPANY
36.	00092	PORTAL PIPE LINE COMPANY
37.	00093	PORTLAND PIPE LINE CORPORATION
38.	00094	PRODUCERS GAS EQUITIES, INC.
39.	00095	PUBLIC SERVICE CO. OF COLORADO
40.	00197	SHELL PIPE LINE CORPORATION
41.	00104	SOUTHERN NATURAL GAS COMPANY
42.	00148	SOUTHWESTERN REFINING CO.
76.	00108	TENNECO OIL COMPANY
43.	00159	TEXACO INC.
44	00162	TEXAS GAS TRANSMISSION CORP.
45	00120	UNITED GAS PIPE LINE CO.
46.	00123	VALERO ENERGY CORP.
47.	00125	WEXPRO COMPANY
48.	00150	WY PIPELINE COMPANY

Order No. 852 - 19997